



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION
NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

Air System Components, Inc. dba PennBarry
605 Shiloh Road
Plano, TX 75074

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: DX Domex Downblast and FX Fumex Upblast Aluminum Rooftop Fans

APPROVAL DOCUMENT: Drawing No. 08-00622, titled "DX Domex Downblast and FX Fumex Upblast Roof Vents", sheets 1 through 5 of 5, dated 10/08/2008, with revision E dated 03/06/2014, prepared by Air System Components, Inc. dba PennBarry, signed and sealed by Luis R. Lomas, P.E., bearing the Miami-Dade County Product Control renewal stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, Horizon City, TX, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA renews NOA # 10-0615.09 and consists of this page 1 and evidence page E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by Carlos M. Utrera, P.E.



Carlos M. Utrera
10/21/2014

NOA No. 14-0311.03
Expiration Date: March 11, 2019
Approval Date: May 1, 2014
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **08-00622**, titled "DX Domex Downblast and FX Fumex Upblast Roof Vents", sheets 1 through 5 of 5, dated 10/08/2008, with revision E dated 03/06/2014, prepared by Air System Components, Inc. dba PennBarry, signed and sealed by Luis R. Lomas, P.E.

B. TESTS "Submitted under NOA # 10-0324.03"

1. Test reports on Uniform Static Air Pressure Test, Loading per FBC TAS 202-94 along with marked-up drawings and installation diagram of Series/Models DX36B and FX36B aluminum roof vents, prepared by Architectural Testing, Inc., Test Report No. **95871.01-801-18**, dated 01/21/2010, signed and sealed by Joseph A. Reed, P.E.

"Submitted under NOA # 09-1015.03"

2. Test reports on 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
2) Large Missile Impact Test per FBC, TAS 201-94
along with marked-up drawings and installation diagram of Series/Model FX36B aluminum roof vents, prepared by Architectural Testing, Inc., Test Report No. **83741.01-801-18**, dated 09/19/08, with **Revision 2** dated 09/03/2009, signed and sealed by Joseph A. Reed, P.E.
3. Test reports on 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
2) Large Missile Impact Test per FBC, TAS 201-94
along with marked-up drawings and installation diagram of Series/Model DX36B aluminum roof vents, prepared by Architectural Testing, Inc., Test Report No. **83743.01-801-18**, dated 09/19/08, with **Revision 2** dated 09/03/2009, signed and sealed by Joseph A. Reed, P.E.

C. CALCULATIONS "Submitted under NOA # 10-0324.03"

1. Engineering Evaluation Report No. **511006-2**, prepared L. Roberto Lomas, P.E., dated 02/16/2010, signed and sealed by Luis R. Lomas, P.E.

"Submitted under NOA # 08-1202.13"

2. Anchoring verification calculations, dated 10/28/2008, prepared, signed and sealed by Luis R. Lomas, P.E.

D. QUALITY ASSURANCE

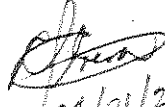
1. Miami-Dade Department of Regulatory and Economic Resources (RER)

E. MATERIAL CERTIFICATIONS

1. None.

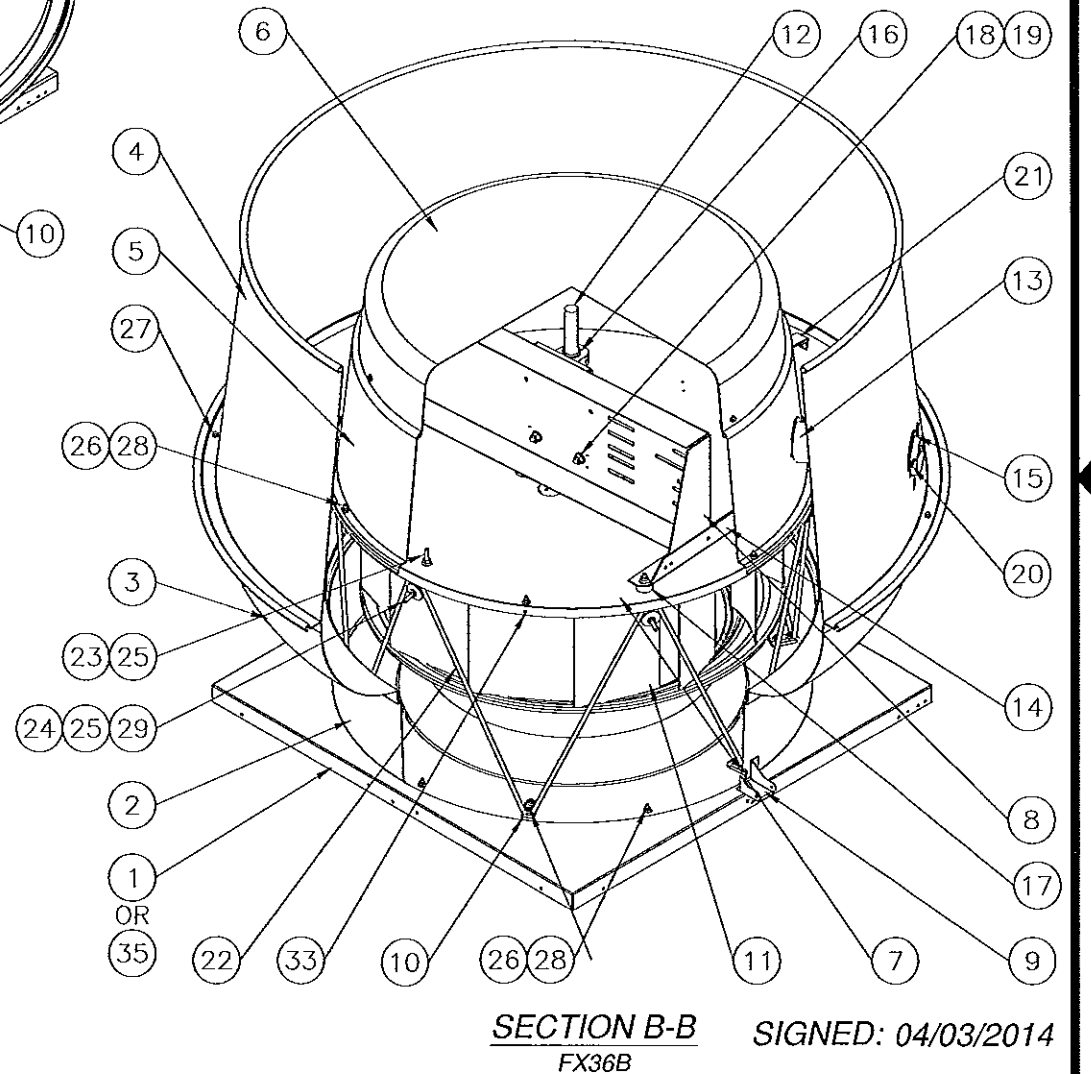
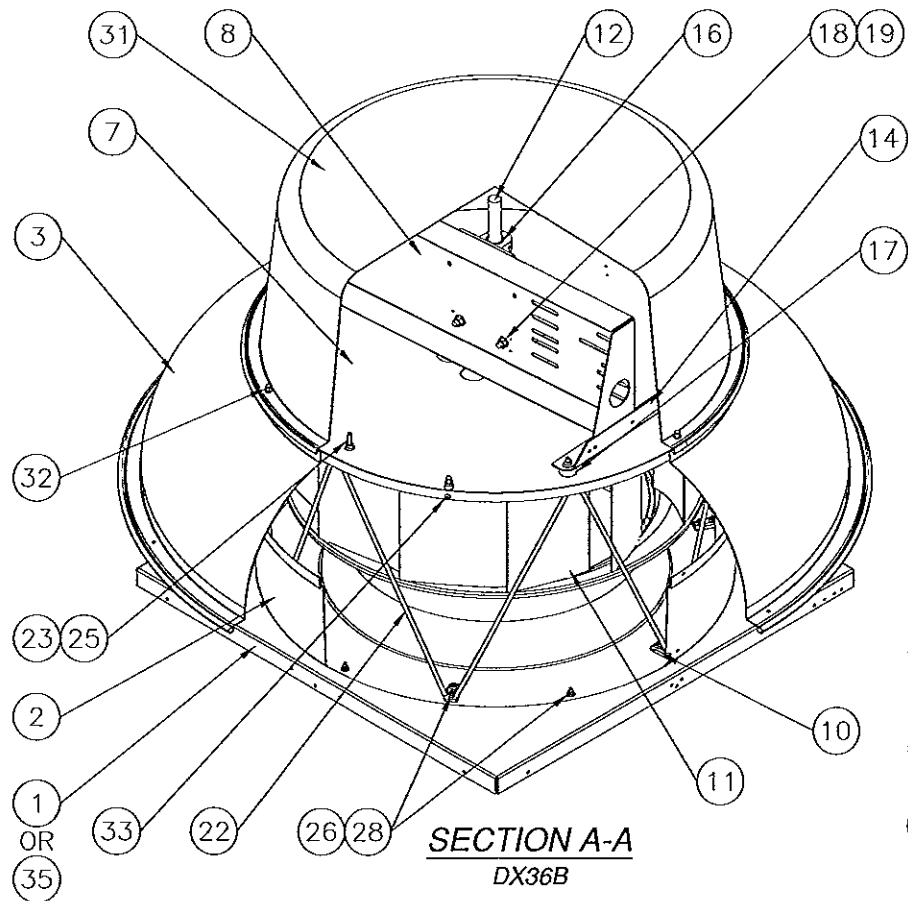
F. STATEMENTS

1. Statement letter of code conformance to FBC 2010 and no financial interest, dated 02/27/2014, issued, signed and sealed by Luis R. Lomas, P.E.


104/21/2014

Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 14-0311.03
Expiration Date: March 11, 2019
Approval Date: May 1, 2014

PARTS LIST				
NO.	PART NUMBER	DESCRIPTION	MANUFACTURER	MATERIAL
1	16006-1	OPTIONAL BASE	PENNBARRY	G-90 GALV. STEEL
2	16036-0	VENTURI	PENNBARRY	ALUMINUM 1100-0
3	16128-0	DISCHARGE APRON	PENNBARRY	ALUMINUM 1100-0
4	16153-0	WINDBAND	PENNBARRY	ALUMINUM 1100-0
5	16230-0	HOOD BOTTOM	PENNBARRY	ALUMINUM 1100-0
6	16205-0	HOOD TOP	PENNBARRY	ALUMINUM 1100-0
7	16055-0	TOP PLATE	PENNBARRY	ALUMINUM 1100-0
8	16304-0	MOTOR MOUNTING PLATE	PENNBARRY	G-90 GALV. CRS
9	16392-0	DRAIN SPOUT	PENNBARRY	ALUMINUM 1100-H14
10	18380-0	WIRE BRACE CLIP	LEESON	G-90 GALV. CRS
11	21179-0	FAN WHEEL	PENNBARRY	ALUMINUM, VARIOUS
12	03348-0	SHAFT	OEM CORP	CD 1045 STEEL
13	16405-0	COOLING TUBE	PENNBARRY	ALUMINUM 6005-T5
14	16280-0	MOTOR SUPPORT ANGLE	PENNBARRY	G-90 GALV. STEEL
15	63043-0	GROMMET	RUBBERMILL	BLACK SILICONE
16	57091-0	BEARING	POWER RITE	CAST IRON
17	63010-0	VIBRATION ISOLATOR	ELECTROLINE CORP	SANTOPRENE
18	55510-0	1/2-13 SERRATED FLANGE NUT	ILS	ZINC COATED STEEL
19	55601-0	1/2-13 x 1 1/2" HEX SERRATED FLANGE SCREW	ILS	SAE J429 GRADE 2
20	55286-0	COTTER PIN	ILS	ANSI B. 18.8.1
21	18285-0	HORIZONTAL BRACE	PENNBARRY	G-90 GALV. STEEL
22	16255-0	WIRE SUPPORT	RACINE IRON & WIRE	G-90 GALV. CRS
23		5/16-18 x 2" WELD STUD	ILS	AISI C1010 LOW CS
24	55514-0	5/16-18 x 1 1/2" HEX SERRATED FLANGE SCREW	ILS	SAE J429 GRADE 2
25	55501-0	5/16-18 SERRATED LARGE FLANGE NUT	ILS	SAE J995 GRADE 2
26	55500-0	1/4-20 SERRATED LARGE FLANGE NUT	ILS	SAE J995 GRADE 2
27	55696-0	1/4-20 x 3/4" HEX SERRATED FLANGE SCREW	ILS	SAE J429 GRADE 5
28	55640-0	1/4-20 PEM HIGH STRENGTH STUD	ILS	STEEL
29	55541-0	WASHER 1/8" x 3/8" x 1 3/4"	ILS	ZINC PLATED STEEL
30		ROOF CURB (OPTIONAL)	RPS	G-90 GALV. STEEL
31	16178-0	MOTOR HOOD	PENNBARRY	ALUMINUM 1100-0
32	55490-0	1/4-20 UNC-2B FLANGED ACORN NUT	ILS	ZINC DIE CAST
33	55940-0	1/4" BODY DIA. POP RIVET		ZINC COATED STEEL
34		ROOF CURB	WARD INDUSTRIES	ALUM 3003-H14
35	16006-0	BASE	PENNBARRY	ALUM 3003-H14



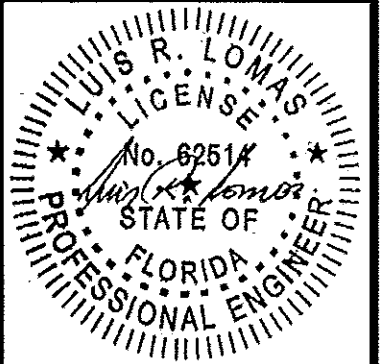
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
E	REVISED MFR'S NAME & ADDRESS	03/06/14	RL

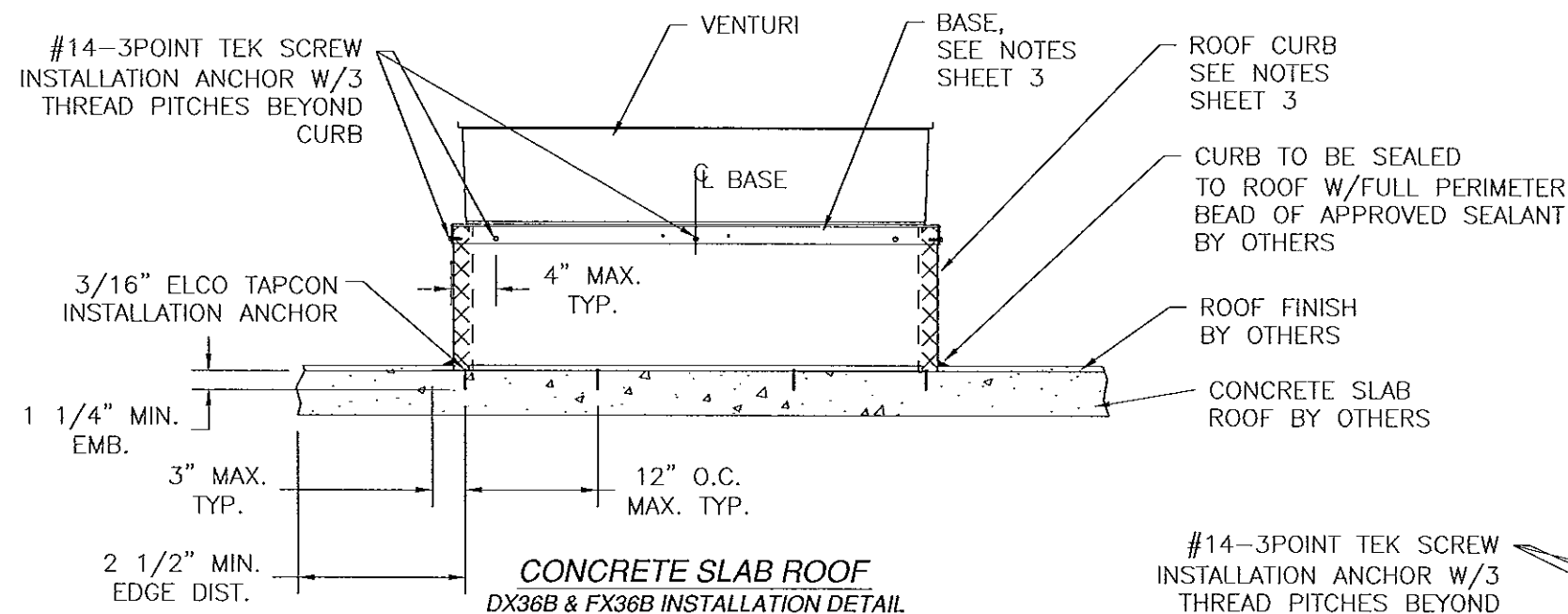
PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No 14-0311.03
Expiration Date 23/11/2019
By *[Signature]*
Miami Dade Product Control

AIR SYSTEMS COMPONENTS, INC. DBA PENNBARRY
605 SHILOH ROAD
PLANO, TX 75074

DX DOMEX DOWNBLAST ROOF VENT
FX FUMEX UPBLAST ROOF VENT
BILL OF MATERIALS AND SECTIONS

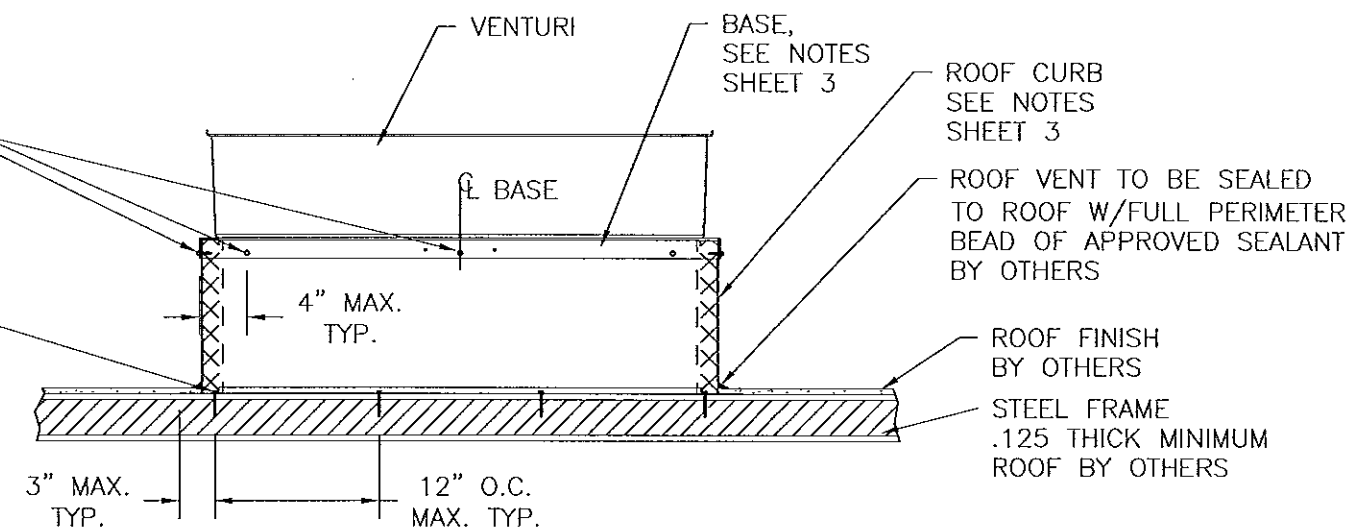
DRAWN: TJH	DWG NO. 08-00622	REV E
SCALE NTS	DATE 10/8/08	SHEET 2 OF 5



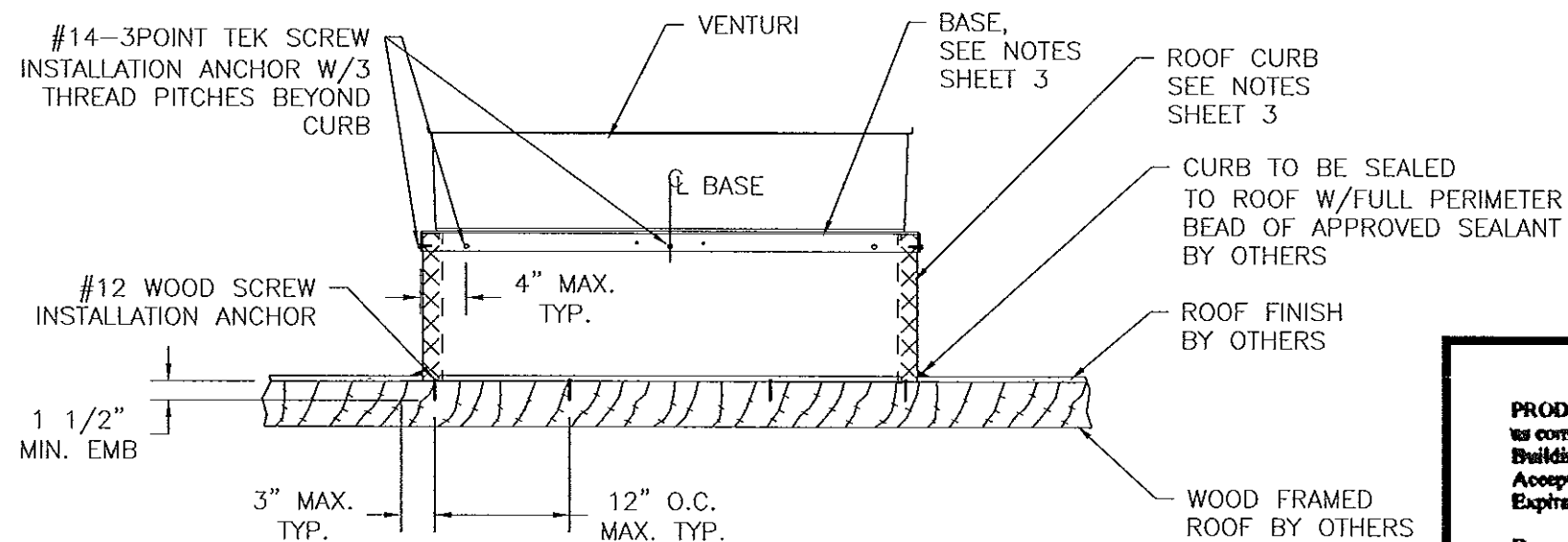


#14-3POINT TEK SCREW
INSTALLATION ANCHOR W/3
THREAD PITCHES BEYOND
CURB

#12-3POINT TEK SCREW
INSTALLATION ANCHOR W/3
THREAD PITCHES BEYOND
SUBSTRATE



STEEL FRAMED ROOF
DX36B & FX36B INSTALLATION DETAIL



WOOD FRAMED ROOF
DX36B & FX36B INSTALLATION DETAIL

NOTES:

1. ALL FOUR SIDES OF CURB AND BASE ARE ANCHORED IDENTICALLY.
2. ROOF CURB IS INSTALLED TO ROOF FIRST. FAN IS THEN MOUNTED TO CURB USING #14-3POINT TEK SCREWS AS SHOWN ABOVE.
3. SEE SHEET 4, COMPONENTS FOR ROOF CURB CONSTRUCTION.
4. UNITS MAYBE INSTALLED WITH ITEM 34, ALUMINUM 3003-H14 CURB OR ITEM 30 GALVANIZED STEEL CURB.
5. UNITS MAYBE INSTALLED WITH ITEM 35, ALUMINUM 3003-H14 BASE OR ITEM 1, GALVANIZED STEEL BASE.

SIGNED: 04/03/2014

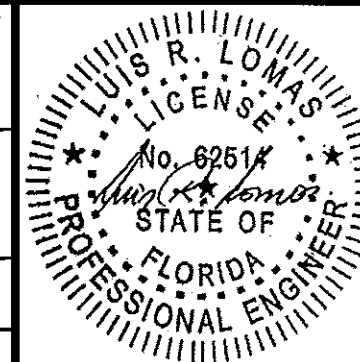
PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 14-0311.03
Expiration Date 03/11/2019
By *[Signature]*
Miami Dade Product Control

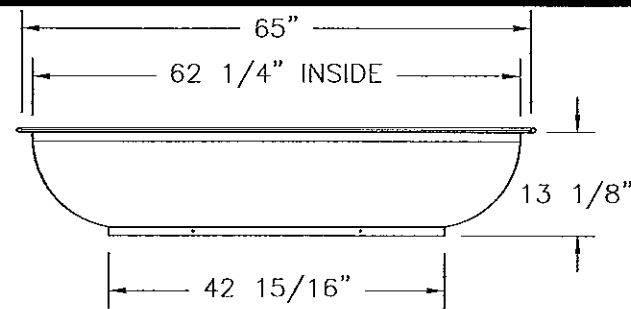
AIR SYSTEMS COMPONENTS, INC. DBA PENNBARRY

605 SHILOH ROAD
PLANO, TX 75074

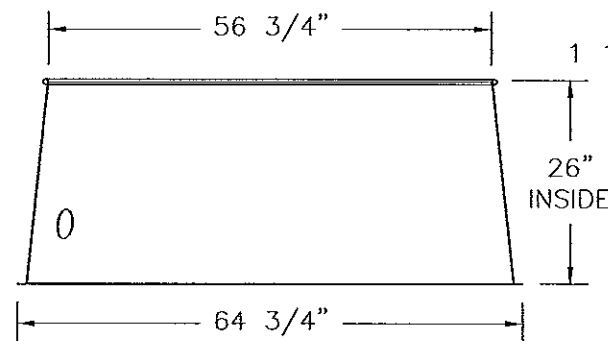
DX DOMEX DOWNBLAST ROOF VENT
FX FUMEX UPBLAST ROOF VENT
INSTALLATION DETAILS

DRAWN: TJH	DWG NO. 08-00622	REV E
SCALE NTS	DATE 10/8/08	SHEET 3 OF 5

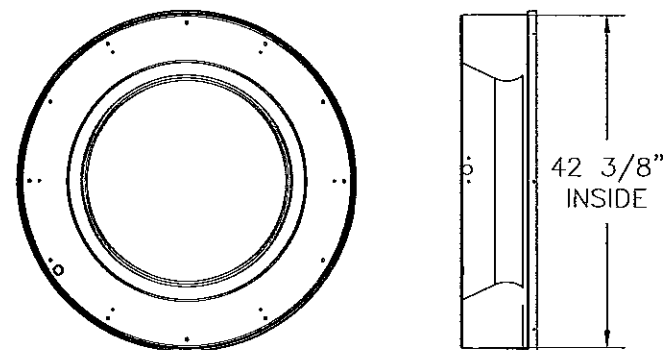




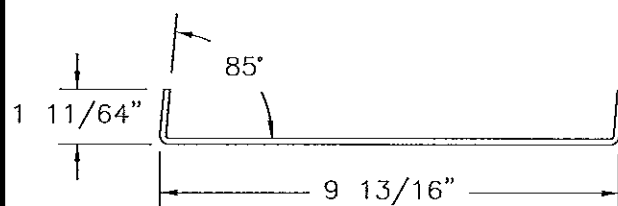
③ **DISCHARGE APRON**
.080" THK. 1100-O ALUM.



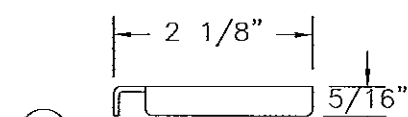
④ **WIND BAND**
.055" THK. 1100-O ALUM.



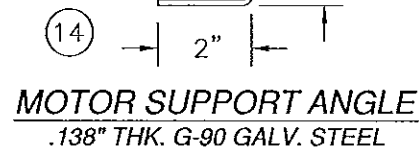
② **VENTURI**
.064" THK. 1100-O ALUM.



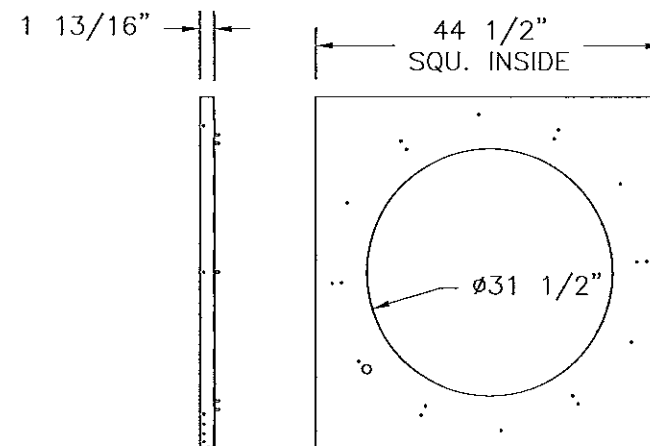
②① **HORIZONTAL BRACE**
.138" THK. G-90 GALV. STEEL



⑩ **WIRE BRACE CLIP**
.064" THK. G-90 GALV. STEEL

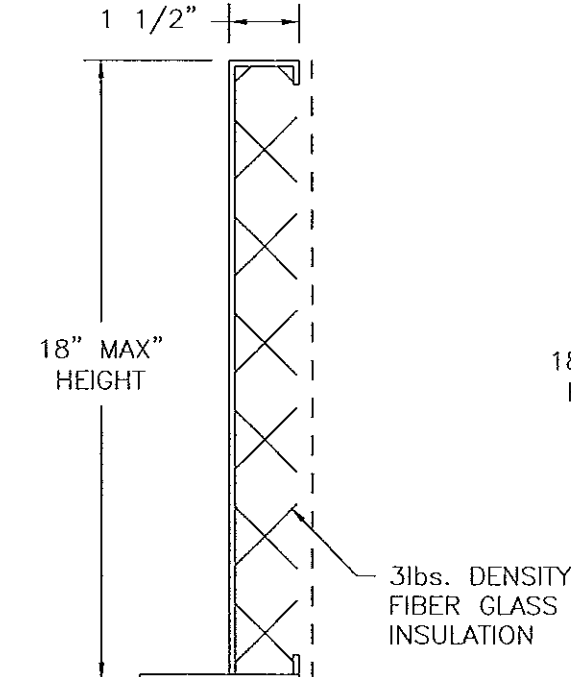


⑭ **MOTOR SUPPORT ANGLE**
.138" THK. G-90 GALV. STEEL

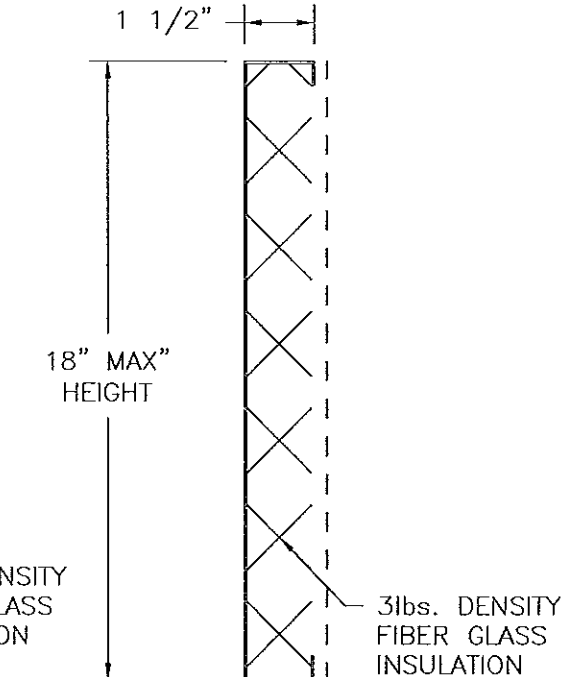


③⑤ **BASE**
.102" THK. ALUMINUM 3003-H14
MI VALUE: X = 927.2038
Y = .3508

① **OPTIONAL BASE**
.1084" THK. G-90 GALV. STEEL
MI VALUE: X = 984.7883
Y = .3713



③④ **ROOF CURB**
ALUMINUM 3003-H14 10GA. .125" THICK
MI VALUE: X = 51.1390
Y = .7384



③⑩ **OPTIONAL ROOF CURB**
18GA. G-90 GALV. STEEL
MI VALUE: X = 20.5405
Y = .3060

NOTES:
THICKNESS SHOWN FOR ITEMS 2 AND 3
ARE PRE-SPUN THICKNESSES.

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
E	REVISED MFR'S NAME & ADDRESS	03/06/14	RL

SIGNED: 04/03/2014

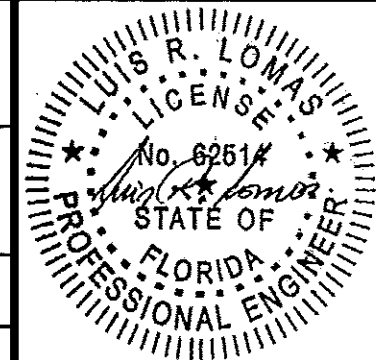
PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 14-0311-03
Expiration Date 03/11/2019
By *[Signature]*
Miami Dade Product Control

AIR SYSTEMS COMPONENTS, INC. DBA PENNBARRY

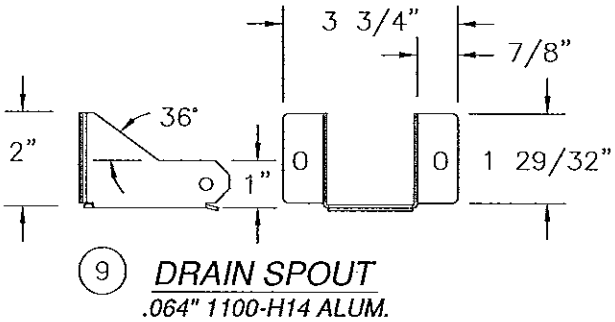
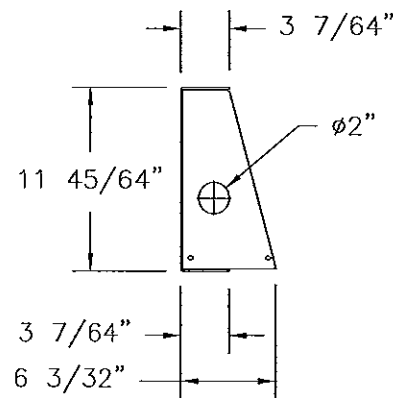
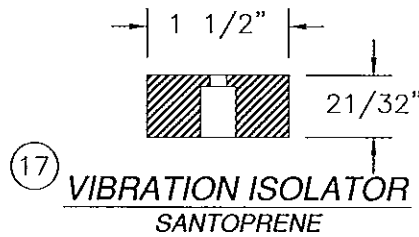
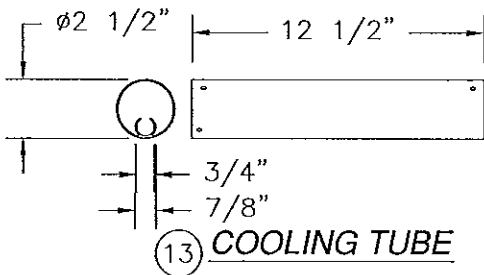
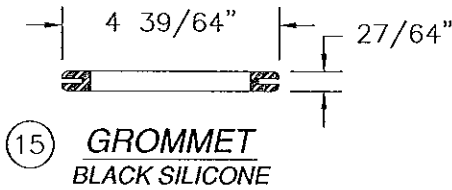
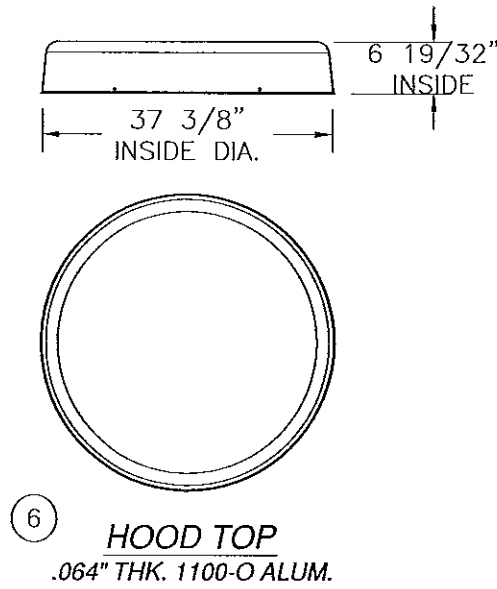
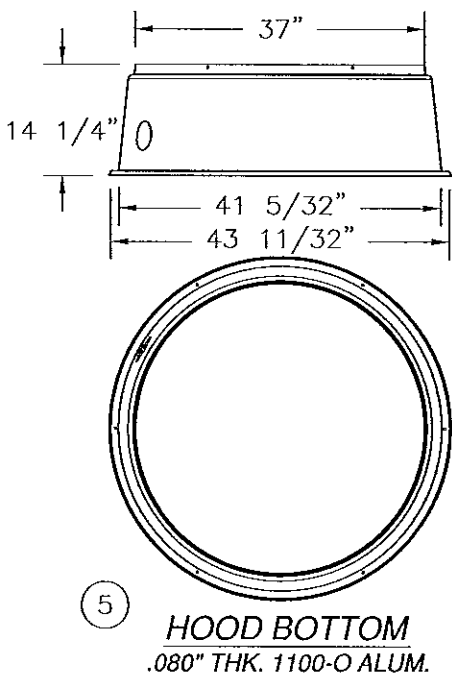
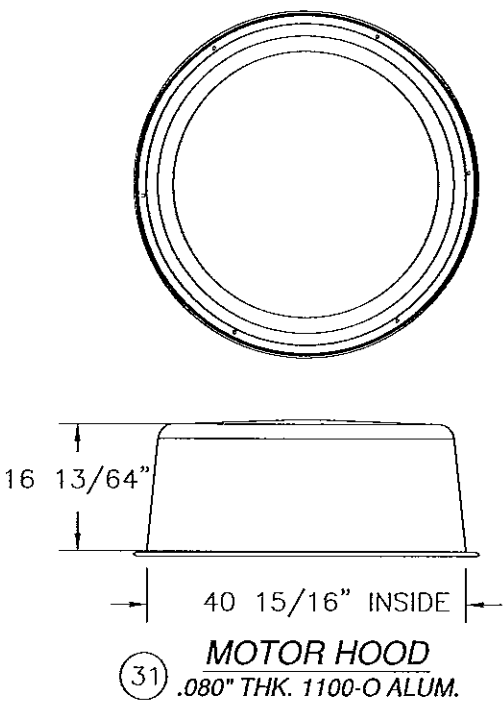
605 SHILOH ROAD
PLANO, TX 75074

DX DOMEX DOWNBLAST ROOF VENT
FX FUMEX UPBLAST ROOF VENT
COMPONENTS

DRAWN: TJH	DWG NO. 08-00622	REV E
SCALE NTS	DATE 10/8/08	SHEET 4 OF 5



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
E	REVISED MFR'S NAME & ADDRESS	03/06/14	RL



NOTES:
THICKNESS SHOWN FOR ITEMS 5, 6 AND 31
ARE PRE-SPUN THICKNESSES.

SIGNED: 04/03/2014

PRODUCT RENEWED as complying with the Florida Building Code Acceptance No. 14-0311-03 Expiration Date: 03/11/2019 By: [Signature] Miami Dade: Product Control		AIR SYSTEMS COMPONENTS, INC. DBA PENNBARRY 605 SHILOH ROAD PLANO, TX 75074		
DX DOMEX DOWNBLAST ROOF VENT FX FUMEX UPBLAST ROOF VENT COMPONENTS		DRAWN: TJH DWG NO. 08-00622 REV E		
SCALE NTS	DATE 10/8/08	SHEET 5 OF 5		